

# 158L Precision Vertical Ultra Low Freezer For Laboratory Applications

Item Number: KTFDV-158



## Introduction

Reliable 158L ULT freezer for labs, maintains -86°C, energy-efficient, with advanced safety features. Ideal for sensitive sample storage.

[Learn More](#)

| Parameter                  | Value                                              |
|----------------------------|----------------------------------------------------|
| Model                      | KTFDV-158                                          |
| Type                       | Vertical                                           |
| Capacity                   | 158L                                               |
| Internal Temperature       | -40°C to -86°C, Adjustable                         |
| Alarm                      | Audible and Visual Alarm                           |
| Power Supply               | 220V/50Hz                                          |
| Power                      | 500W                                               |
| Power Consumption          | 7.1 kW.h/24h                                       |
| Protection Class           | I/B                                                |
| Climate Type               | N                                                  |
| Refrigerant                | Fluorine-free environmentally friendly refrigerant |
| Compressor                 | High-Efficiency                                    |
| Refrigeration System       | Single-stage compression refrigeration system      |
| Temperature Control        | Electronic Temperature Control                     |
| Temperature Display        | Digital Display                                    |
| Probe                      | PTC                                                |
| Condenser Fan              | EBM                                                |
| Outer Casing               | Powder-coated cold-rolled steel plate              |
| Inner Casing               | 304 Stainless Steel                                |
| Shelves/Inner Doors        | 2 Shelves / 3 Inner Doors, 304 Stainless Steel     |
| Insulation Thickness       | 120mm                                              |
| Pressure Equalization Port | 1 (Diameter 18mm)                                  |
| Casters                    | 4                                                  |
| Net Weight / Gross Weight  | 123 / 150kg                                        |

| Parameter                 | Value                                                                  |
|---------------------------|------------------------------------------------------------------------|
| External Dimensions (WDH) | 7007001580mm                                                           |
| Internal Dimensions (WDH) | 460455800mm                                                            |
| Packing Dimensions (WDH)  | Plywood Box: 7607901720mm / Hard Cardboard Box: 7908201750mm (Approx.) |
| Loading Quantity          | 21 pcs/20'GP                                                           |